

# Comparisons of Job Characteristics

Focus Occupation: **Logisticians (13-1081)**

Associated Occupation: **Operations Research Analysts (15-2031)**

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 53

Focus Occupation: Logisticians (13-1081)

Associated Occupation: Operations Research Analysts (15-2031)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mathematics	9.2	24.4	12.3	<<	Extensive education and/or training may be required
Computers and Electronics	8.4	15.0	16.4	0	Current knowledge level may be sufficient
Engineering and Technology	5.7	14.2	8.6	<<	Extensive education and/or training may be required
Administration and Management	8.4	11.9	15.8	>>	Current knowledge level is likely more than sufficient
Production and Processing	6.0	11.3	10.3	0	Current knowledge level may be sufficient
Economics and Accounting	4.4	8.0	9.3	>	Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 69

Focus Occupation: Logisticians (13-1081)

Associated Occupation: Operations Research Analysts (15-2031)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mathematics	6.2	16.9	8.8	<<	Extensive development of skills in this area may be required
Complex Problem Solving	9.1	15.4	12.5	<	A higher skill level may be required
Critical Thinking	10.8	15.2	14.2	0	Current skill level may be sufficient
Systems Evaluation	6.4	15.1	9.9	<<	Extensive development of skills in this area may be required
Systems Analysis	6.5	14.5	10.7	<<	Extensive development of skills in this area may be required

Judgment and Decision Making	9.4	14.2	10.7	<<	Extensive development of skills in this area may be required
Active Learning	8.7	13.6	9.8	<<	Extensive development of skills in this area may be required
Operations Analysis	5.0	13.5	10.6	<<	Extensive development of skills in this area may be required
Science	4.5	11.3	3.0	<<	Extensive development of skills in this area may be required
Programming	2.2	5.8	4.7	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 88			
Focus Occupation: Logisticians (13-1081) Associated Occupation: Operations Research Analysts (15-2031)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mathematical Reasoning	6.3	17.3	9.1	<<	Extensive improvement in abilities may be required
Written Comprehension	11.0	15.7	12.5	<<	Extensive improvement in abilities may be required
Number Facility	6.3	15.1	7.8	<<	Extensive improvement in abilities may be required
Deductive Reasoning	10.6	15.0	14.8	0	Current ability level may be sufficient
Written Expression	9.8	14.5	10.6	<<	Extensive improvement in abilities may be required
Inductive Reasoning	10.2	14.2	13.2	0	Current ability level may be sufficient
Fluency of Ideas	7.6	13.3	10.6	<	Some improvement in abilities may be required
Originality	7.6	11.9	11.6	0	Current ability level may be sufficient
Category Flexibility	9.0	11.5	9.6	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 92
<b>Focus Occupation: Logisticians (13-1081)</b> <b>Associated Occupation: Operations Research Analysts (15-2031)</b>		
Work Activities	Exclusivity of Activity	
Analyze operational or management reports or records	62	
Analyze scientific research data or investigative findings	27	
Assist with business or managerial research	82	
Collect statistical data	47	

Communicate technical information	4
Compile numerical or statistical data	38
Develop mathematical simulation models	70
Follow statistical process control procedures	73
Obtain information from individuals	24
Perform statistical modeling	76
Provide expert testimony on research results	66
Select business applications for computers	89
Use computers to enter, access or retrieve data	3
Use cost benefit analysis techniques	77
Use interpersonal communication techniques	10
Use knowledge of investigation techniques	16
Use long or short term production planning techniques	74
Use mathematical or statistical methods to identify or analyze problems	30
Use project management techniques	47
Use quantitative research methods	35
Use relational database software	26
Use spreadsheet software	18

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 86

**Focus Occupation: Logisticians (13-1081)**

**Associated Occupation: Operations Research Analysts (15-2031)**

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Data management and query software	1
Development software	4
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.